

ABSTRACT

Epoxidation catalyst, its use and epoxidation process in the presence of this catalyst

Epoxidation catalyst based on titanium zeolite in the form of extruded granules. Use of this catalyst in the synthesis of epoxides, preferably 1,2-epoxy-3-chloropropane or 1,2-epoxypropane, by reacting an olefinic compound, preferably allyl chloride or propylene, with a peroxide compound, preferably hydrogen peroxide. Process for the preparation of an epoxide, preferably 1,2-epoxy-3-chloropropane or 1,2-epoxypropane, by reacting an olefinic compound, preferably allyl chloride or propylene, with a peroxide compound, preferably hydrogen peroxide, in the presence of the aforementioned catalyst.